20011011.qrp v02_n339.qrl.20011011

Date: Thu, 11 Oct 2001 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2339

QRP-L Digest 2339

Topics covered in this issue include:

  1) [108448] Re: Zombie Shuffle contest
     by "N7SG K7FD" <k7fd@hotmail.com>
  2) [108449] Re: [fpqrp] Diff between...
     by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
  3) [108450] Re: Does anybody remember ....
     by Ron KU7Y <mswmod@bigplanet.com>
  4) [108451] Re: NOAA WX Radio.
     by Ron KU7Y <mswmod@bigplanet.com>
  5) [108452] Re: Antennas and Such
     by "Ingo, DK3RED" <dk3red@t-online.de>
  6) [108453] Re: NOAA WX Radio.
     by "Lee S. Mairs" <lmairs@cox.rr.com>
  7) [108454] Re: [1000mp] MkV Memory Keyer Bug
     by lhlousek <lhlousek@nvbell.net>
  8) [108455] WinSpice 3 help needed
     by "Donald Philbin" <donaldphilbin@hotmail.com>
  9) [108456] Re: MH101 Project Status
     by John Wagner <john@wagner-usa.net>
 10) [108457] Re: NOAA WX Radio.
     by "John O. Newell" <jnewell@mediaone.net>
 11) [108458] Re: NOAA WX Radio.
     by Paul Womble <pwomble1@tampabay.rr.com>
 12) [108459] Re: MH101 Project Status
     by "Brian Murrey" <brian@iquest.net>
 13) [108460] MH101: Activity
     by "Rich Dailey, KA8OKH" <okh.npi@gte.net>
 14) [108461] Re: MH101 Project Status
     by "Lee S. Mairs" <lmairs@cox.rr.com>
 15) [108462] Re: NOAA WX Radio.
     by "Brice D. Hornback" <bdh@cyberbound.net>
 16) [108463] Shack Cleaning - UPDATE II
     by "Mark Sailer" <n2jtw@yahoo.com>
 17) [108464] Pyramid Power supply ?
     by Jeff Grudin <grudin@vdbs.com>
 18) [108465] Re: Does Anybody Remember?
     by George Gingell <k3tks@u1.abs.net>
 19) [108466] Where is PSK31 on 80 meters?

    by Jack WsixABC <w6abc@yahoo.com>
20) [108467] Re: Where is PSK31 on 80 meters?
    by "DTX" <dtx@wood.tzo.com>
21) [108468] NORCAL Repersentative ar Rochdale
    by "Steve Farthing" <stephen@stevef.demon.co.uk>
22) [108469] NEQRP CW Net, 11 October 01, 8:30 PM EDT, 3.565MHz
    by Chuck Ludinsky <cjl@mitre.org>
23) [108470] Re: NORCAL Repersentative ar Rochdale
    by K5BDZ@aol.com
24) [108471] Re: Does Anybody Remember?
    by Steve Yates - AA5TB <aa5tb@arrl.net>
25) [108472] Re: MH101 Project Status
    by John Wagner <john@wagner-usa.net>
26) [108473] High Tech
    by "Karl F. Larsen" <k5di@zianet.com>
27) [108474] Re: Cell Phones as QRP beacons
    by wb4mnf <wb4mnf@atl.org>
28) [108475] Re: High Tech
    by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
29) [108476] Re: NOAA WX Radio.
    by "Mike Yetsko" <myetsko@insydesw.com>
30) [108477] Re: High Tech
    by William R Colbert <w5xe@juno.com>
31) [108478] Re: High Tech
    by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
32) [108479] Re: High Tech
    by William R Colbert <w5xe@juno.com>
33) [108480] RE: High Tech
    by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
34) [108481] Re: Does anybody remember ....
    by Ray Sills <raysills@1stconnect.com>
35) [108482] Re: BALUN Questions
    by Ray Sills <raysills@1stconnect.com>
36) [108483] Re: NOAA WX Radio.
    by "Mike Yetsko" <myetsko@insydesw.com>
37) [108484] Re: High Tech
    by "Mike Yetsko" <myetsko@insydesw.com>
38) [108485] Re: High Tech
    by W2AGN <w2agn@pobox.com>
39) [108486] Re: NOAA WX Radio.
    by Dave Gingrich <gingrich2@dcg.org>
40) [108487] Re: NOAA WX Radio.
    by "Mike Yetsko" <myetsko@insydesw.com>
41) [108488] RE: High Tech
    by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
42) [108489] Wanted: Red Hot 20
    by "J. W. (Dub) Thornton" <dub@oklahoma.net>
43) [108490] Re: K2 knob

by "Lau, Zack, W1VT" <zlau@arrl.org>
44) [108491] Re: Does Anybody Remember?
by George Gingell <k3tks@u1.abs.net>
45) [108492] Re: High Tech
by Jim Campbell <jim-c@nc.rr.com>
46) [108493] Re: High Tech
by "Mike Yetsko" <myetsko@insydesw.com>
47) [108494] Re: High Tech
by Jerry Haigwood <w5jh@swlink.net>
48) [108495] Re: High Tech
by Alex <kr1st@amsat.org>
49) [108496] Re: High Tech
by Alex <kr1st@amsat.org>
50) [108497] Re: BALUN Questions
by Bill Coleman <aa4lr@arrl.net>
51) [108498] Re: Balun problem continues
by Bill Coleman <aa4lr@arrl.net>
52) [108499] More FYI and SWL . . . Re: RTTY on 3.885 MC
by John R Kirby <n3aaz-qrp@juno.com>
53) [108500] Re: High Tech
by Michael Bower <bowerm@ix.netcom.com>
54) [108501] Re: balun problem
by Bill Coleman <aa4lr@arrl.net>
55) [108502] Re: Balun question answered!
by Bill Coleman <aa4lr@arrl.net>
56) [108503] Ed Manual, QRPacificon Speaker
by "Doug Hendricks" <ki6ds@dph.dpol.net>
57) [108504] Re: High Tech
by "Mike Yetsko" <myetsko@insydesw.com>
58) [108505] Results of the OCTOBER SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
59) [108506] Really Sharp K2 - Sold
by "Michael Lynch" <realtormike@earthlink.net>
60) [108507] FS: Stuff
by Dave Pomeroy <dave@dpomeroy.com>
61) [108508] Tokyo Hi-power
by Dave Pomeroy <dave@dpomeroy.com>
62) [108509] HB: General Coverage SW Rx
by "Steven Weber" <kd1jv@moose.ncia.net>
63) [108510] Attenuator Specs
by "Brad Hernlem" <alihernlem@hotmail.com>
64) [108511] QRP Web Ring Problem Resolved
by baltimoremd@baltimoremd.com
65) [108512] FW: ARLD041 DX news
by "Ed Tanton" <n4xy@att.net>
66) [108513] RE: Balun problem continues
by "Tracy Markham" <tracy@bytemark.com>
67) [108514] Re: WA3WSJ QSL Cards

    by Larry Cahoon <lejek@erols.com>
 68) [108515] Re: Tokyo Hi-power
    by "Lee S. Mairs" <lmairs@cox.rr.com>
 69) [108516] Re: Tokyo Hi-power
    by Michael Bower <bowerm@ix.netcom.com>
 70) [108517] Re: BALUN Questions
    by Ron KU7Y <mswmod@bigplanet.com>
 71) [108518] Re: Tokyo Hi-power
    by Bruce Muscolino <w6toy@erols.com>
 72) [108519] Re: Tokyo Hi-power
    by "Mike Yetsko" <myetsko@insydesw.com>

Date: Wed, 10 Oct 2001 16:02:14 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: mark@buttery.org
Cc: qrp-l@Lehigh.EDU
Subject: [108448] Re: Zombie Shuffle contest
Message-ID: <F134RjbDt3HvoFOAmEa00000057@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I think Jan N0QT knows about the Z-Shuffle...might try qrz.com for an
email...

John K7FD

>From: "Mark J. Dulcey" <mark@buttery.org>
>Reply-To: mark@buttery.org
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Zombie Shuffle contest
>Date: Wed, 10 Oct 2001 16:59:24 -0400
>
>It's listed on the QRP Contest Calendar, but the web page is defunct.
>(So is the entirety of members.nbci.com; they discontinued member web
>pages a couple of weeks ago.) Does anybody know the current whereabouts
>of the organizer?
>

____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---

Date: Thu, 11 Oct 2001 09:22:14 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Brian <brian@iquest.net>
Cc: pigs <fpqrp-l@mpna.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [108449] Re: [fpqrp] Diff between...
Message-ID: <3BC4D826.93AC44FA@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

Brian wrote:

> What's the diff between a 2N3905 and a 2N3906?

Brian, according to my trusty old Motorola Master Index [1974]:

2N3905 - Hfe 50 @ Ic 10 mA
2N3906 - Hfe 100 @ Ic 10 mA

2N3905 - Ft 200 Mhz
2N3906 - Ft 250 Mhz

FWIW

72/73's

Ian Purdie
"I believe Australia is the best address on earth"
Budgewoi N.S.W. Australia - Co-ords S33=B014', E151=B034'
My FREE Newsletter: http://www.electronics-tutorials.com/subscribe.htm
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
URL - http://www.electronics-tutorials.com/

Date: Wed, 10 Oct 2001 18:04:11 -0600
From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108450] Re: Does anybody remember ....
Message-ID: <006b01c151e8$60e27180$4556bad0@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

> "As of Jan 2, 1957 the government required that any operator of a radio
> transmitter must have some means of determining when CONELRAD alert is in
> progress and to leave the air at this time . . . "

OK, I'll be the first to admit that I sure didn't rig up a radio to have in the shack. Heck, any radio I could get my hands on became part of a project.....at least it's parts did!

Usually Mom had the radio on listening to something like Arthur Godfrey (sp?) and I knew she would let me know if something had happened.

Back in those days many, if not most hams could not afford to run out and buy another radio.

Ahhhhhh yes, the good old days..... :-)

73,

Ron, KU7Y
ku7y@qsl.net
Boise, ID

Date: Wed, 10 Oct 2001 17:58:56 -0600
From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108451] Re: NOAA WX Radio.
Message-ID: <006a01c151e8$60009d00$4556bad0@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

> NOAA weather radios should be required in every home and business...just
like
> smoke detectors.

Horse feathers!

We already have way too many silly things required in this life.

And think about this..... of all the smoke detectors that I have been around, I have only been able to hear about 10% of them. If anyone really cared about safety they would make the tones used low enough for people with hearing loss to use.

I threw away the useless gas detector in the RV because it was always going

off.... I know it did because Carol could hear it. Hair spray, bug spray and just about anything else would set it off. The day that Carol was home alone and it didn't shut off was the day it was put out of it's misery. Who says you can't fix electronic things with a hammer?

OK, now I feel better..... Back in my hole....

73,

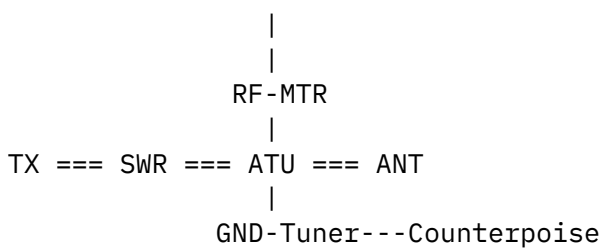
Ron, KU7Y
ku7y@qsl.net
Boise, ID

Date: Thu, 11 Oct 2001 02:19:13 +0200
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [108452] Re: Antennas and Such
Message-ID: <3BC4E581.6B89F85A@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Brice,

> I'd like to know more about "tuning a ground". ...

It is easy. See the picture.



The RF meter is a simple RF detector with a short (1m or so) antenna on the top. The GND tuner is a coil with a variable capatitor in row (serial resonance). Both are connected via short wires to the case of the ATU.

Tuning steps:
- tune the ATU at minimum (see on the SWR)
- tune the GND tuner at minimal RF at the ATU case (see on the RF meter)

Result: no RF on the rig case.

For more informations about the RF meter see at
http://www.dl-qrp-ag.de/pdf/erde.pdf
Sorry it is in German but I think that pictures say more than words.

--
72/73 de Ingo, DK3RED   (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

----

Date: Wed, 10 Oct 2001 20:31:11 -0400
From: "Lee S. Mairs" <lmairs@cox.rr.com>
To: <mswmod@bigplanet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108453] Re: NOAA WX Radio.
Message-ID: <008c01c151ec$07919e40$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Right on Ron!
Boy! Do I agree here. Every smoke detector I've had ended up with the
batteries pulled out because the wood stove set it off or some other false
alarm.
The government makes enough laws to try and protect the dummies from
themselves. They don't work because the dummies are dumber than anyone
thinks! I'm surprised they still allow hams to play with high voltage!
73 de Lee, KM4YY

> > NOAA weather radios should be required in every home and business...just
> like
> > smoke detectors.
>
> Horse feathers!
>
> We already have way too many silly things required in this life.
>
> And think about this..... of all the smoke detectors that I have been
> around, I have only been able to hear about 10% of them. If anyone really
> cared about safety they would make the tones used low enough for people
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> and just about anything else would set it off. The day that Carol was
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> alone and it didn't shut off was the day it was put out of it's misery.
Who
> says you can't fix electronic things with a hammer?
>
> OK, now I feel better..... Back in my hole....
>
> 73,
>
> Ron, KU7Y
> ku7y@qsl.net
> Boise, ID
>

Date: Wed, 10 Oct 2001 16:44:36 -0700
From: lhlousek <lhlousek@nvbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>
Subject: [108454] Re: [1000mp] MkV Memory Keyer Bug
Message-ID: <006001c151e5$85322060$650dfea9@nvbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I talked to Andy today again and he promised he would sit down with Chip in front of a MkV and go through the two bugs. He said they are definitely aware of the ID/CH2 bug but he was surprised to hear that the MP has it as well. He promised that he would call me when they got done verifying the bugs.

I couldn't tell them if the MP has the dash weighting bug too. Does it?

I tried a few things with my keyer, erasing ID and CH2 memories and storing various things in them. I tried storing just very short things in CH2 but still had problems. I don't recall the exact sequence of steps but I was finally able to get DE W7DZN in ID and QTH RENO NV in CH2.

Lou W7DZN

Date: Wed, 10 Oct 2001 17:47:18 -0700
From: "Donald Philbin" <donaldphilbin@hotmail.com>
To: qrp-l@Lehigh.EDU

Cc: donaldphilbin@hotmail.com
Subject: [108455] WinSpice 3 help needed
Message-ID: <F90Cz93MgPPf3L9BGTu00000309@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dear masters of the ether,

I am beginning to experiment with WinSpice3 and I am in need of some very basic help. Please respond directly to me so I don't bore the list to death with this.

Thanks,

D.K. Philbin KD6TK
donaldphilbin@hotmail.com

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---

Date: Wed, 10 Oct 2001 21:03:20 -0400
From: John Wagner <john@wagner-usa.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108456] Re: MH101 Project Status
Message-ID: <3BC4EFD8.5FBD1C67@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

Just for the record; I never had a mailing list for this project - I did have a list of builders in my email address list, but I pretty much grabbed that from a message that Jim, N5IB had sent out.

My MH101 is done and has been on the air many times (including a nice QSO with Jim, K8IQY - one of "masters" who helped with the project). I have a website documenting the build at http://www.qsl.net/kb1ens/sw30/sw30mh.html - but that is just my experience with the radio, nothing definitive.

I used Chuck, K7QO's initial parts layout and learned from there. I was sort of waiting for additional part's layouts to appear and when they didn't I

just went off on my own. Turned out it wasn't too difficult, although I
did move some pads around after the fact a couple times.

Chucks site http://www.qsl.net/k7qo has a large body of pictures
including a number from Jim's radio. I'd recommend that and also using
Craig's layout that he sent around if you need help.

73 de John, N1QO

Craig Johnson wrote:
>
> Brian,
>
> We are alive!
>
> Many of us are still building the MH-101 - manhattan style SW-30+.
> There is an informal mailing list that you can join by sending a message to
> John Wagner, N1QO at john@wagner-usa.net. Activity is rather low, but
> several of us are still actively building them.
>
> I also was waiting for the rest of Chuck's layout. I finally went ahead and did
a
> complete layout of the MH-101. I now have a PowerPoint file with the pad
> placement and a JPG file which shows my for my version of the parts layout.
> Let me know if you want me to send these two files to you.
>
> I have the transmitter working, and am tweaking the receiver to get it going.
> Hopefully will be alive soon.
>
> 72,
> Craig, AA ZZ

--
John Wagner - john@wagner-usa.net
Web page: http://www.neknetwork.com

Date: Wed, 10 Oct 2001 21:14:54 -0400
From: "John O. Newell" <jnewell@mediaone.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108457] Re: NOAA WX Radio.
Message-ID: <3BC4F28E.F24E3651@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, I agree...don't want nobod' tellin' me I gotta _buy_

this thing...but if _I_ decide that I _want_ to buy one,
what are the better ones with SAME tech inside? I've seen
the Oregon Scientific ones, but there must be
others...feedback from users???

72
John Newell
KB1FPM
jnewell@mediaone.net

Date: Wed, 10 Oct 2001 21:37:56 +0100
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108458] Re: NOAA WX Radio.
Message-ID: <3BC4B1A4.3D64F7A8@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's easy to tell who has never had to deal with a fire destroying everything in
a home. I see this stuff just about every day.

Bottom line: The weather radios and smoke detectors save lives.

In 1998 there was a series of tornadoes in Central Florida. The NWS had tornado
watches out up to TWELVE hours before the storms hit. Hundreds of homes were
destoryed and over 50 people, mostly in campers and RV's, were killed.

I don't know about you...but I take a portable NOAA radio camping. I want more
than a tent, camper or RV between me and a severe thunerstorm.

Why have a smoke detector?

>From http://www.nfpa.org:

On average, there are 91,700 reported
home fires each year associated with
cooking equipment, killing 327 people
and injuring 4,607.

On average, there are 59,100 reported
 home fires per year associated with
 heating equipment, killing 468 people
 and injuring 1,592

On average there are 38,400 home fires
per year associated with wiring,
switches, outlets, cords and plugs, fuse
and circuit breaker boxes, and other
equipment involved in distributing
electricity around the home. These
electrical service equipment fires
 annually kill 352 people and injure 1,343
annually.

In the United States and Canada, a
home fire is reported to a fire department
 roughly every 75 seconds. Fires kill 350
people and injure more than 1,300.

Eighty percent of all U.S. fire deaths
occur in the home.

Someone is killed in a home fire in the
United States and Canada roughly every
3 hours.

Smoke alarms are the most effective
early warning device available. Having a
smoke alarm in your home cuts your
chance of dying in a fire nearly in half!

73
Paul K4FB

Ron KU7Y wrote:

> And think about this..... of all the smoke detectors that I have been
> around, I have only been able to hear about 10% of them. If anyone really
> cared about safety they would make the tones used low enough for people with
> hearing loss to use.

"Lee S. Mairs" wrote:

> Right on Ron!
> Boy! Do I agree here. Every smoke detector I've had ended up with the
> batteries pulled out because the wood stove set it off or some other false
> alarm.
> The government makes enough laws to try and protect the dummies from

> themselves. They don't work because the dummies are dumber than anyone
> thinks! I'm surprised they still allow hams to play with high voltage!
> 73 de Lee, KM4YY

Date: Wed, 10 Oct 2001 20:41:43 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <john@wagner-usa.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108459] Re: MH101 Project Status
Message-ID: <002301c151f5$e269b3a0$ba372bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John,

Did you use the cans or did you use toroids?

If you used roids, how did you calculate the number of turns etc?

----- Original Message -----
From: "John Wagner" <john@wagner-usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 10, 2001 8:03 PM
Subject: Re: MH101 Project Status

> All,
>
> Just for the record; I never had a mailing list for this project - I did
> have a list of builders in my email address list, but I pretty much
> grabbed that from a message that Jim, N5IB had sent out.
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>
> 73 de John, N1QO
>
> Craig Johnson wrote:
> >
> > Brian,
> >
> > We are alive!
> >
> > Many of us are still building the MH-101 - manhattan style SW-30+.
> > There is an informal mailing list that you can join by sending a message
to
> > John Wagner, N1QO at john@wagner-usa.net. Activity is rather low, but
> > several of us are still actively building them.
> >
> > I also was waiting for the rest of Chuck's layout. I finally went ahead
and did a
> > complete layout of the MH-101. I now have a PowerPoint file with the
pad
> > placement and a JPG file which shows my for my version of the parts
layout.
> > Let me know if you want me to send these two files to you.
> >
> > I have the transmitter working, and am tweaking the receiver to get it
going.
> > Hopefully will be alive soon.
> >
> > 72,
> > Craig, AA ZZ
>
> --
> John Wagner - john@wagner-usa.net
> Web page: http://www.neknetwork.com
>

Date: Thu, 11 Oct 2001 02:39:22 +0100
From: "Rich Dailey, KA8OKH" <okh.npi@gte.net>
To: qrp-l@lehigh.edu
Subject: [108460] MH101: Activity
Message-ID: <3.0.32.20011011021632.006aaca8@mail.gte.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

So glad to see the MH101 related posts. I am the process of
getting my parts sorted, and hopefully will see solder smoke
on this project in a few weeks. Right now building two Ten Tecs,
and the MH101 SW-30 is next. Better late than never.

Two items:

1.   I would like to see the url's of others who have posted info on their
progress. Of course Mr. Adam's page is a given, as well as KB1ENS.
Any others?

2.   Where in the world are... 3000puff NPO mono caps? I've been to
Digi-key, Dan's and Mouser, but no luck-itude.

Discuss.
de Rich

Rich Dailey, KA8OKH - Phyllis Dailey, KB4NPI
<http://home1.gte.net/web22jfw/>

Date: Wed, 10 Oct 2001 23:18:21 -0400
From: "Lee S. Mairs" <lmairs@cox.rr.com>
To: <john@wagner-usa.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108461] Re: MH101 Project Status
Message-ID: <00de01c15203$61e28820$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Am I the only one who can't get to these websites?
73 de Lee, KM4YY

----- Original Message -----
From: "John Wagner" <john@wagner-usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 10, 2001 9:03 PM
Subject: Re: MH101 Project Status

> All,
>
> Just for the record; I never had a mailing list for this project - I did
> have a list of builders in my email address list, but I pretty much
> grabbed that from a message that Jim, N5IB had sent out.
>
> My MH101 is done and has been on the air many times (including a nice
> QSO with Jim, K8IQY - one of "masters" who helped with the project). I
> have a website documenting the build at
> http://www.qsl.net/kb1ens/sw30/sw30mh.html - but that is just my
> experience with the radio, nothing definitive.
>
> I used Chuck, K7QO's initial parts layout and learned from there. I was
> sort of waiting for additional part's layouts to appear and when they
> didn't I
> just went off on my own. Turned out it wasn't too difficult, although I
> did move some pads around after the fact a couple times.
>
> Chucks site http://www.qsl.net/k7qo has a large body of pictures
> including a number from Jim's radio. I'd recommend that and also using
> Craig's layout that he sent around if you need help.
>
> 73 de John, N1QO
>
> Craig Johnson wrote:
> >
> > Brian,
> >
> > We are alive!
> >
> > Many of us are still building the MH-101 - manhattan style SW-30+.
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> > 72,
> > Craig, AA ZZ
>
> --
> John Wagner - john@wagner-usa.net
> Web page: http://www.neknetwork.com

Date: Wed, 10 Oct 2001 22:27:09 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108462] Re: NOAA WX Radio.
Message-ID: <09e001c15204$9cc53040$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I threw away the useless gas detector in the RV because it was always
going
> off.... I know it did because Carol could hear it. Hair spray, bug spray
> and just about anything else would set it off. The day that Carol was
home
> alone and it didn't shut off was the day it was put out of it's misery.
Who
> says you can't fix electronic things with a hammer?

Well, why blame the gas detector? It was doing it's job. Those products release gasses that ARE dangerous to your health and are to be used in well ventilated areas.

Do you have insurance on your car? RV? Home? Medical Insurance? Smoke Detectors and NOAA WX radios are the CHEAPEST insurance you'll ever buy and might save you or a loved one's life someday.

If you can't hear the piezo buzzer, simply replace it with one that emits a lower tone. Or, wire in a relay that sets off sirens and strobe lights. Be creative. If it's going off "ALL THE TIME", well... there might be a reason for it. Think about it. They don't just go off for no reason... you are in danger whether you think you are or not. Open a window and turn on a vent fan when spraying chemicals that set it off. If the gas detector goes off... you shouldn't be breathing the fumes anyway.

72 / 73 de Brice KA8MAV
Indianapolis, IN   EM79au

QRPp-I #1, QRP ARCI #10972, QRP-L #2360,
KLQRP, FPQRP -156, ARS, ARRL
http://www.QRPp-I.com

Date: Wed, 10 Oct 2001 23:47:40 -0400
From: "Mark Sailer" <n2jtw@yahoo.com>
To: "QRP_L" <qrp-l@lehigh.edu>
Subject: [108463] Shack Cleaning - UPDATE II
Message-ID: <NFBBKNOCMLHLBPPIEBNEEEBMCJAA.n2jtw@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Cleaning out items that are backlogged on the shelf or not used.
Work is taking far too much of my time to be building.

7)MFJ 9330K 30m CUB CW kit unbuilt - $80 shipped

9) Kenwood TR-851A 430mz All-Mode Mobile Transceiver $350 shipped
  In box with manual and mic. Needs new PA - haven't had time to replace
it.

14)Triplett Model 630-NA Analog Multimeter
   in Leather snap Case, origianl manual and stand
    no probes $40 shipped

18) Vector 12v/4aH Battery in Red Case
    w/ shoulder strap and charger
This was the talk of the QRP-l earlier this year $20 shipped

24) MFJ 616 Speech Intelligibility Enhancer
 Like New in the box - Used once and could not return
(my hearing loss is too bad for this to help in noisy conditions)
$150 plus shipping

26) two 10 turn pots - NEW 10k
$8 each shipped

31) Kenwood External Speaker KES-3
Small black mobile speaker This is a rectangular one.
Measures 4.25"w x 2.5"h x 2.25" d
$12 shipped

32) Heil Proset DLX Boom Mic/headset
HC4 mic element
Like New - used once or twice $120 shipped

33)Heil Proset 8pin Yaesu adapter cord
For above headset and other Heil units $13 shipped

34) Yaesu FT-847 all original box/parts/manuals/mic
recently back from Yaesu with all standard acc
Includes Inrad crystal filter on SSB receive
Collins mechanical Filter XF-115s on SSB transmit
asking $1150 shipped

35) two Fireball 40 (FB40) RF amplifier kits
Unbuilt $11 each

36)St. Louis QRP Society SLQS LM380 Audio Amp Board kit
one complete kit and a spare PCB $8 shipped

37) Small Wonder Lab SW40+ kit - unbuilt
no case $50 shipped

38) Two NORCAL resistor kits $25 each

39)Norcal Cap Kit $32

40) Kenwood TS-440 Tuning knob $16 shipped

41) Box of RF connectors
Mostly chassis mount or thru hole mount (2)N, (13)SO-239, (26)BNC connectors
(5)BC Tees,plus other bits HEAVY $20 shipped

42) Box of Filter Caps $20 shipped
Good for power supplies and such
200000mfd/15vdc,5600ufd/50vdc, 10000mfd/25vdc,15000mfd/12vdc,
(6)8000uf/15vdc,(2)200uf/250vdc plus about 22 more smaller cap

43) Bag of many parts - includes the following inventory $18 shipped
bag of 534 caps marked 470k
bag of 33 100uf/22v tantalum caps
bag of 187 1N6005B Diodes
bag of 55 7pin by 2 row straight header connectors
bag of 78 1N5248B Zener Diodes
bag of 11 10k trimmer PCB mount pots
bag of 49 47uf/20v Tantalum caps

44) ZOMBOIDS "Altoids type" tin with fitted proto board $10 shipped

45) Bundle of 8 Duoble Sided copper clad PCB
measure approx 9" x 5" each $10 shipped

46) three bags of teflon wire
Each bag has 5 different colors at 50ft each
$12 each shipped

47) MFJ 249 HF/VHF SWR Analyzer $145 shipped

48) Three - NJQRP Manhattan Building Starter Kits $13 each shipped

49) two - NJQRP "Islander" bits $10 each shipped

I'm sorting thru a bunch of parts to create "junk box" packages, Wall-wart
package and more that I will post next week.
I have some panel meters that need to be sorted out too.
More to come.
Thanks

Email me directly if interested in any item.

73
Mark
N2JTW

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Wed, 10 Oct 2001 20:57:31 -0700
From: Jeff Grudin <grudin@vdbs.com>
To: qrp-l@lehigh.edu
Subject: [108464] Pyramid Power supply ?

Message-ID: <3BC518AB.B9FDE753@vdbs.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

I am looking fo r a schematic for a Pyramid PS35 power supply. Does
anyone have one, or know the internet URL for the company? I haven't
been able to find either.

Thanks.
--
73 de AC6KW   <mailto:grudin@vdbs.com>
Jeff Grudin, DVM   Web Add: http://www.vdbs.com/~grudin
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292   QRP-L #16   ARS #351   AR Qrp #131

Date: Thu, 11 Oct 2001 00:33:22 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [108465] Re: Does Anybody Remember?
Message-ID: <Pine.BSF.4.33.0110110023290.57093-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This all reminds me to look for that Yellow Radiation Detector Box. I
believe it was also Conelrad Era Device. Kept in the Air Raid Shelters.

I had a few which I thought would make Great QRP Transceiver Cases.

The other Good Thing I recall from that time was the Big Yellow Air Raid

Siren on the other side of my fence on a Tower. We had an Elementary

School in the back yard. The Telephone pole feeding the Control Line was a

great Antenna Termination point for my Long wire from the house.

One day I came home from work only to find that the Tower, Siren and Pole

were gone. :^{   It was replaced with a wire over a tree top with a

weighted arrow laying on the school roof. (Erected in late evening after

school vacant. :^} #24 Telephone wire of course.

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Wed, 10 Oct 2001 22:33:10 -0700 (PDT)
From: Jack WsixABC <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [108466] Where is PSK31 on 80 meters?
Message-ID: <20011011053310.80882.qmail@web14203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
Just wondered where I can find PSK-31 signals on 80
meters? I've been tuning around over the past few
days and have yet to hear one. Is there a designated
PSK frequency for QRP and perhaps another for QRO
operation? Where will I find the "Warblers", in
particular? Are there any times the QRP'ers populate
the band on a regular basis?
Thanks,
Jack W6ABC

=====
Website: http://home.pacbell.net/friday2k
QRP-L #2193 SOC#165 K2#1272 K1#37

____
Do You Yahoo!?
Make a great connection at Yahoo! Personals.
http://personals.yahoo.com

Date: Wed, 10 Oct 2001 23:31:19 -0700
From: "DTX" <dtx@wood.tzo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108467] Re: Where is PSK31 on 80 meters?
Message-ID: <000901c1521e$56b0ac00$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Warblers are sitting on 3.58Mhz by design (using colorburst xtals) and I think USB, but whichever they should be within about 3Khz of 3.58. I personally have the CC&R problems and effective 80M antenna is not in the cards here.

Gary WA6DTX
----- Original Message -----
From: "Jack WsixABC" <w6abc@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 10, 2001 10:33 PM
Subject: Where is PSK31 on 80 meters?

> Hi,
> Just wondered where I can find PSK-31 signals on 80
> meters? I've been tuning around over the past few
> days and have yet to hear one. Is there a designated
> PSK frequency for QRP and perhaps another for QRO
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> particular? Are there any times the QRP'ers populate
> the band on a regular basis?
> Thanks,
> Jack W6ABC
>
> =====
> Website: http://home.pacbell.net/friday2k
> QRP-L #2193 SOC#165 K2#1272 K1#37
>
> ____
> Do You Yahoo!?
> Make a great connection at Yahoo! Personals.
> http://personals.yahoo.com

Date: Thu, 11 Oct 2001 09:11:56 +0100
From: "Steve Farthing" <stephen@stevef.demon.co.uk>
To: <Gqrpl@yahoogroups.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108468] NORCAL Repersentative ar Rochdale
Message-ID: <MABBLGJEEFHCJIEHNCOFMEBECIAA.stephen@stevef.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Guys,
     I'll be at Rochdale. Happy to accept subscription renewals and any other business there.
Steve G0XAR

Date: Thu, 11 Oct 2001 04:50:47 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [108469] NEQRP CW Net, 11 October 01, 8:30 PM EDT, 3.565MHz
Message-ID: <3BC55D67.982BB6D9@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 11 October 2001, at 8:30 PM EDT (0030Z, 12 October 01) on or near 3.565 MHz. Net control operator for this week's 80M session will be John, WB1HBE, operating from Chelmsford, MA.

Last week's net had a total of eight check-ins, plus Chuck, K1CL, acting as net control op. Signals were among the best yet. Even Ed, AB8DF, was a solid 559 from Michigan into New England. Check-ins included:

W1PID	Jim	Sanbornton, NH	599
AB8DF	Ed	Waterford, MI	559/QSB
W2APF	Thaire	North Easton, MA	599
AA1MY	Seab	Bethel, ME	559/QSB
W1CFI	Paul	Falmouth, MA	589
K1RC	John	Dracut, MA	599
KD1YV	Jim	Bethel, CT	599
WB1HBE	John	Chelmsford, MA	599
K1CL	Chuck	Chelmsford, MA	Net Op

Thanks to everyone for QNI'ing. Hope you all stop by Thursday night.

72 DE K1CL,
Chuck.

Date: Thu, 11 Oct 2001 06:38:28 EDT
From: K5BDZ@aol.com
To: stephen@stevef.demon.co.uk, qrp-l@lehigh.edu
Subject: [108470] Re: NORCAL Repersentative ar Rochdale
Message-ID: <161.22eb063.28f6d0a4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Rochdale
Fun
 So many Great people
Quite an experience for an ol' Texas cowboy
Some brilliant minds... with common sense attached
Parts and pieces that make your eyes sparkle
A beautiful church
George, Jo, and so many other names with faces and real persons attached

If you take time, wonderful countryside, great pubs, and story book scenes.

Looks like I'll miss it again this year, but I am going back soon...bags of chili mix in my suitcase... along with some other TexMex flavorings... and hope Jo will let me in the kitchen again.

Folks, there's only ONE Rochdale. It's well worth the trip.
Bill K5BDZ

Date: Thu, 11 Oct 2001 06:42:55 -0500
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: k3tks@u1.abs.net,
        Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108471] Re: Does Anybody Remember?
Message-ID: <001401c15249$df2022c0$8f703ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi George,

You can still get that Yellow Radiation Detection Box, also called Radiological Survey Meter
here at Omaha's Original G.I. Surplus:

http://www.omahas.com/

Look about 3/4 of the way down under the "MISCELLANEOUS" menu. They are asking $39.50 for them.
They also sell a 1960's Civil Defense Radio. I have seen both of these and they are still sealed
in their new containers!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://www.geocities.com/aa5tb
aa5tb@arrl.net

Date: Thu, 11 Oct 2001 08:05:29 -0400
From: John Wagner <john@wagner-usa.net>
To: brian@iquest.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108472] Re: MH101 Project Status
Message-ID: <3BC58B09.3302E6F5@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used the IF Cans. I think Jim, K8IQY used toroids as did Chuck. I like
the IF Cans 'cause they are easier to adjust.

73 de John, N1QO

Brian Murrey wrote:
>
> John,
>
> Did you use the cans or did you use toroids?
>
> If you used roids, how did you calculate the number of turns etc?
>
> ----- Original Message -----
> From: "John Wagner" <john@wagner-usa.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Wednesday, October 10, 2001 8:03 PM
> Subject: Re: MH101 Project Status
>
> > All,
> >
> > Just for the record; I never had a mailing list for this project - I did
> > have a list of builders in my email address list, but I pretty much
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> > > Craig, AA ZZ
> > >
> > > --
> > > John Wagner - john@wagner-usa.net
> > > Web page: http://www.neknetwork.com
> > >

--
John Wagner - john@wagner-usa.net
Web page: http://www.neknetwork.com

Date: Thu, 11 Oct 2001 06:31:48 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108473] High Tech
Message-ID: <Pine.LNX.4.33.0110110627550.1627-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Last night on TV they showed short wave radios that are being air dropped to Ethiopians that I would like to have. The radio has a crank you use to wind up a spring that drives a generator that powers the receiver for 15-20 minutes. They cover 3 to 20 MHz and are good looking units.

Would not want to hit on the head by one however.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.qsl.net/k5di/

Date: Thu, 11 Oct 2001 09:19:03 +0100
From: wb4mnf <wb4mnf@atl.org>
To: henryf@quartz.gly.fsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108474] Re: Cell Phones as QRP beacons
Message-ID: <3BC555F7.9080100@atl.org>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I know this is a bit late but hobby mailing lists have been
on hold for a while here.
All your cell phones carry on a handshake with the central site.
An I'MOK - UOK? exchange. No need to add a beacon mode.

As for GPS in cellphone. I will not use a cellphone that
continually tells the world where I am. Instead will buy
paging service and turn phone on only when needed for a outging
call. Be wary of this "it's for your own good" stuff.

As it stands now, it is not that difficult to locate a single cell
phone within a few hundred feet, using the existing equipment.
What the existing equipment can not do is monitor the movements
of everyone who has their cell phone turned on. This is a good
thing!

Also, it's not that difficult to track and follow a single cell
phone as it moves about by DF on the handshake signals. Law
enforcement already has this equipment. Hell, the Feds have had
satellites that can monitor single cell phone calls for at least
6 years and have been able to locate almost any UHF or higher
transmitter on the ground, via satellite, for 20 years.

Next thing you know they'll be trying to pass a law requiring that
all speech be monitored to make sure no one is saying 'bad' things
about anyone else.

-bob

Henry Freedenberg wrote:

> I don't think that GPS would be good enough..especially in the
> case of a bldg collapse. You want something that can DF the
> signal directly.
>
> Henry
>
> On 14 Sep 2001, at 23:56, Steven Weber wrote:
>
>
>

>>Cell phones will soon be required by law to have a built in GPS
>>receiver. This is so that you (or at least the phone) can be exactly
>>located. This is a requirerment of the new enhanced 911 regs.
>>Currently, you can be isolated to a phone cell, but that can be a
>>large area in some cases. Often people don't know where they are
>>when they call in an emergincy, say at night on a highway or rural
>>area.
>>
>>It's not clear at the moment exactly when the GPS data will be
>>transmitted, or who will have access to it (other than 911 services)
>>The data might be sent only when the phone is in active use or only
>>when a 911 call is made. Or they can track the location of your phone
>>almost in real time, with out your knowing.   Which opens up the
>>posibility of getting automated calls from stores or restarants you
>>happen to be passing, advertising specials or what not. Or you can
>>be advised a friend is near-by. Scarry, eh?
>>
>>72,
>>Steve, KD1JV in the White Mountains of New Hampshire
>>"Melt Solder"
>>http://www.qsl.net/kd1jv/index.html
>>
>>
>
>
>
>

Date: Thu, 11 Oct 2001 09:46:10 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <k5di@zianet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108475] Re: High Tech
Message-ID: <007101c1525b$1703a160$d905b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

I just did a Google search for "Crank Up Radios," and came up with the name
I was trying to think of -- Baygen.

I also found the following webpage on which they are listed.

73,
Dick K2JQ
-----Original Message-----
From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, October 11, 2001 8:26 AM
Subject: High Tech

>
> Last night on TV they showed short wave radios that are being air
>dropped to Ethiopians that I would like to have.

Date: Thu, 11 Oct 2001 09:47:48 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <mswmod@bigplanet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108476] Re: NOAA WX Radio.
Message-ID: <004401c1525b$66021a80$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree, just because it makes sense doesn't mean it makes sense
to make it mandatory.

This 'mandatory' stuff is starting to get on my nerves. Like the fact
that
it's now MANDATORY that cars have remote tire pressure sensors for
the late 2003 production run. Great! I guess the technology of a tire
pressure gauge was too much for some people.

"Show me something that is idiotproof and I'll show you something
only an idiot would want."   (And I don't know who originally said that,
I heard it back in the early 80's or late 70's.)

Mike

----- Original Message -----
From: Ron KU7Y <mswmod@bigplanet.com>

> > NOAA weather radios should be required in every home and
business...just
> like
> > smoke detectors.
>
> Horse feathers!
>
> We already have way too many silly things required in this life.
>
> Ron, KU7Y

Date: Thu, 11 Oct 2001 07:53:55 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [108477] Re: High Tech
Message-ID: <20011011.075356.-314139.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Those are the Bay-Gen radios, commonly available thru
various suppliers - work for up to 1 hour per wind up,
and also are available in the broadcast band. Baygen
also does a wind up light that works in a similar fashion.
No bfo on the sw receiver as I recall.

Date: Thu, 11 Oct 2001 09:55:08 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <k5di@zianet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108478] Re: High Tech
Message-ID: <008501c1525c$59073d00$d905b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

>I just did a Google search for "Crank Up Radios," and came >up with the
name

>I was trying to think of -- Baygen.
>
>I also found the following webpage on which they are listed.

I guess it would help if I listed the webpage.....(- :)

http://www.leeselect.com/shopping/PriceList.asp?sType=3

73,
Dick K2JQ

Date: Thu, 11 Oct 2001 07:55:40 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [108479] Re: High Tech
Message-ID: <20011011.075542.-314139.1.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ethiopians?

Date: Thu, 11 Oct 2001 08:57:57 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'k2jq@bestweb.net'" <k2jq@bestweb.net>,
        Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108480] RE: High Tech
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49FE8@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"

There are several versions (apparently) of the "Baygen"
(also known as the "Freeplay" radio) receiver.

Some versions have AF/FM/SW (one band) *and* a
built-in flashlight, while the one I have has only AF/FM
(no light, no SW band). This "new version" with three
shortwave bands would really appeal to me too!

My version (AM/FM only) has a jack for external power,
a built-in photocell to allegedly re-charge the internal
battery along with the "crank-it-up" generator. It works
well, by the way....

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: Richard Brummer, K2JQ [SMTP:k2jq@bestweb.net]
Sent: Thursday, October 11, 2001 8:46 AM
To: Low Power Amateur Radio Discussion
Subject: Re: High Tech

Karl,

I just did a Google search for "Crank Up Radios," and came up with the name
I was trying to think of -- Baygen.

I also found the following webpage on which they are listed.

73,
Dick K2JQ
-----Original Message-----
From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, October 11, 2001 8:26 AM
Subject: High Tech

>
> Last night on TV they showed short wave radios that are being air
>dropped to Ethiopians that I would like to have.

Date: Thu, 11 Oct 2001 10:00:34 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [108481] Re: Does anybody remember ....
Message-ID: <B7EB1D9B.9759%raysills@1stConnect.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

CONELRAD

CONtrol of ELectromagnetic RADiation.

Some hams made CONELRAD alarms from AM radios which included a extra circuit that would trigger an alarm (light or buzzer or both) through a relay. One popular way was to use the 2D21 Thyristor tube. (A gas filled tube that would act as a switch.) The grid of the tube could keep the tube in the non-conducting state, but as soon as the bias dropped, the tube would saturate, conducting fully and latching on the relay in the plate circuit. Restoring the grid bias would not stop the conduction, so it was a good triggered switch. Popular in burglar alarms, too.

73 de Ray
K2ULR
FN20tl

> From: "Bill Jones" <kd7s@psnw.com>
> Reply-To: kd7s@psnw.com
> Date: Wed, 10 Oct 2001 09:18:50 -0700
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: Does anybody remember ....
>
> ... what CONALRAD stood for. I'm sure it was an acronym, but for the life
> of me I can't remember what it was.
>
> I remember my (mandatory) CONALRAD monitor was an AM radio with the speaker
> removed and a large neon bulb across the primary of the audio output
> transformer. As long as the neon bulb blinked in unison with the incoming
> audio it was okay for me to keep the Heathkit DX-35 and NC-98 on the air.
> Ahhh, those were the days.
> ===============
> Bill Jones - <><
> Sanger, California
> ===============
>

Date: Thu, 11 Oct 2001 10:00:34 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [108482] Re: BALUN Questions
Message-ID: <B7EB1AE9.9758%raysills@1stConnect.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hi Rod:

What you have may actually be a "co-axial" antenna.. popular a while back with 2 Meter FM hams and Public Service (Police, Fire, etc) as a base stations. Technically, it was a "dipole (2 element)" antenna, but one element consisted of a co-axial sleeve through which the co-ax would travel up to the feed point.

It becomes a de-facto balun, since the sleeve de-couples the feedline. You can even make a balun with tri-ax cable (1 center conductor and 2 concentric shields). You cut the thing to 1/4 wave (accounting for velocity factor), short the 2 shields at one end (the unbalanced point) and connect your load to the inner shield and center conductor (now a balanced point). But it's only good for a narrow range of frequencies; I'd say less than 1% of your operating frequency.

So, the CB antenna should work as is... no balun required.

73 de Ray
K2ULR
FN20tl

> From: Rodney S Clayton <rodclayton@juno.com>
> Reply-To: rodclayton@juno.com
> Date: Wed, 10 Oct 2001 10:43:32 -0400
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: BALUN Questions
>
> I have an old CB antenna I ran across that is a vertical dipole. It
> shows the feedline (Coax) running up the inside of the bottom element.
> It does not mention a BALUN.
>
> Is a BALUN required in this situation?
>
> Does running up through the driven element supress the sheild currents?
>
> Thanks,
> Rod
> KA3BHY
> _____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/web/.

Date: Thu, 11 Oct 2001 09:58:10 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <pwomble1@tampabay.rr.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108483] Re: NOAA WX Radio.
Message-ID: <008c01c1525d$c68c3c80$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> It's easy to tell who has never had to deal with a fire destroying
everything
> in a home. I see this stuff just about every day.
>
> Bottom line: The weather radios and smoke detectors save lives.

Come on, please! That is NOT the issue.

35mph on interstates would save lives.

Outlawing all motorcycles would save lives.

Outlawing skiing would save lives.

Outlawing skateboards, bicycles, and home swimming pools would
save lives.

Outlawing all diving boards at public pools would save lives.

Outlawing all high school sporting events would save lives.

Outlawing marriage would probably save a lot of lives.

The issue is MANDATORY protections. Like MANDATING you to
brush your teeth because if you don't then the dental insurance rates
go up. With smoke detectors, I DO use one, but I DO NOT want
it mandated WHICH one I may HAVE to use. (I actually have more
than one. Different technologies for different things. MY choice,
not some government regulation.)

I'M TOTALLY SICK of the lame "If it saves just one life" argument
that comes from people who can't deal with real life and are always

looking for excuses or someone/something ELSE to blame!

Sorry, I snapped there. My common sense went to the Bahamas for
a quick respite. I wish the rest of my body could have gone along
too!

Mike

Oh, by the way... I HAVE been in a fire. Back in 1976. Over $38K
worth of damage, and it put me in the hospital. So I DO know the risk.
And I ALWAYS have a smoke detector and a NOAA radio. But NO
WAY do I want them MANDATED to the point where the 'fire police'
come in and inspect my home on a regular basis.

Date: Thu, 11 Oct 2001 10:04:14 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k5di@zianet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108484] Re: High Tech
Message-ID: <008d01c1525d$c693dda0$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There's a couple of 'crank powered' radios in the Radio Shack
catalog.

A friend of mine bought one from the company right before they
were picked up by Radio Shack. His has solar cells to supplement
the crank. If it's in the bright sun, the crank spring unwinds real
slow.
Indoors or in the shade, it uncranks real fast.   Neat radio.

Mike

> Last night on TV they showed short wave radios that are being air
> dropped to Ethiopians that I would like to have. The radio has a crank
you
> use to wind up a spring that drives a generator that powers the
receiver

> for 15-20 minutes. They cover 3 to 20 MHz and are good looking units.
>
> Would not want to hit on the head by one however.
>
>   - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>   http://www.qsl.net/k5di/

Date: Thu, 11 Oct 2001 10:17:34 -0400
From: W2AGN <w2agn@pobox.com>
To: "Mike Yetsko" <myetsko@insydesw.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108485] Re: High Tech
Message-ID: <0110111017340B.04355@njbirdman>
Content-Type: text/plain;
  charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thursday 11 October 2001 10:04, Mike Yetsko wrote:
> There's a couple of 'crank powered' radios in the Radio Shack
> catalog.
>
> A friend of mine bought one from the company right before they
> were picked up by Radio Shack. His has solar cells to supplement
> the crank. If it's in the bright sun, the crank spring unwinds real
> slow.
> Indoors or in the shade, it uncranks real fast.   Neat radio.
>
> Mike

--

If you have a "crank-powered radio" which of the QRP-L cranks do you get to
run it?

(Thanks, I prefer batteries)

      John L Sielke   W2AGN
       w2agn@pobox.com
   http://www.qsl.net/w2agn

Date: Thu, 11 Oct 2001 09:25:40 -0500
From: Dave Gingrich <gingrich2@dcg.org>
To: myetsko@insydesw.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108486] Re: NOAA WX Radio.
Message-ID: <5.1.0.14.2.20011011092504.02a9b288@172.22.1.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:58 10/11/2001 -0400, Mike Yetsko wrote:
>Sorry, I snapped there. My common sense went to the Bahamas for
>a quick respite. I wish the rest of my body could have gone along
>too!

You forgot the MANDATORY low flow toilets

Date: Thu, 11 Oct 2001 10:31:18 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Dave Gingrich" <gingrich2@dcg.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108487] Re: NOAA WX Radio.
Message-ID: <01cb01c15261$694ace20$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> At 09:58 10/11/2001 -0400, Mike Yetsko wrote:
> >Sorry, I snapped there. My common sense went to the Bahamas for
> >a quick respite. I wish the rest of my body could have gone along
> >too!
>
> You forgot the MANDATORY low flow toilets

Ah, yes... The ones that take three flushes after the previous night's
gorge at El Torito instead of just one, wasting more water than the
originals ever did.

Remember when they were recomending that you put a brick in your
tank to conserve water? Johny Carson in his monolog said he told
his housekeeper to put a brick in the toilet, then came home that
night and guess where he found the brick? Said a very common
phrase came to his mind...

Oh well, enough off topic.

Mike

Date: Thu, 11 Oct 2001 09:54:04 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'w2agn@pobox.com'" <w2agn@pobox.com>,
        Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108488] RE: High Tech
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49FE9@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"

Who (or should that be "whom"?) would we get to
Run it? YOU,of course, John!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: W2AGN [SMTP:w2agn@pobox.com]
Sent: Thursday, October 11, 2001 9:18 AM
To: Low Power Amateur Radio Discussion
Subject: Re: High Tech

On Thursday 11 October 2001 10:04, Mike Yetsko wrote:
     > There's a couple of 'crank powered' radios in the Radio Shack
     > catalog.
     >
     > A friend of mine bought one from the company right before they
     > were picked up by Radio Shack. His has solar cells to supplement
     > the crank. If it's in the bright sun, the crank spring unwinds
real
     > slow.
     > Indoors or in the shade, it uncranks real fast.   Neat radio.
     >
     > Mike

--

If you have a "crank-powered radio" which of the QRP-L cranks do you get to
run it?

(Thanks, I prefer batteries)
John L Sielke   W2AGN

Date: Thu, 11 Oct 2001 09:58:55 -0500
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
To: qrp-l@lehigh.edu
Subject: [108489] Wanted: Red Hot 20
Message-ID: <5.1.0.14.2.20011011095524.025bcd90@mail.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have a local buddy who is interested in buying a Red Hot 20. If you have one for
sale, please give details, condition cosmetic & operational, price, etc. Thanks. "72"
-
J. W. (Dub) Thornton WA5YFY
Minco, OK.

Date: Thu, 11 Oct 2001 11:04:56 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [108490] Re: K2 knob
Message-ID: <125490A005E3D3118C9C00805FC743CC027E2FCA@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"

K0ZK described how to modify the knob of an LM frequency meter for the K2 in the January QRP Quarterly. I opted for something even more substantial--I
machined a knob out of brass rod and polycarbonate sheet stock. The precision
shaft encoder makes it worthwhile to use a highly balanced heavy knob.
--Zack W1VT

Date: Thu, 11 Oct 2001 11:12:10 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: Steve Yates - AA5TB <aa5tb@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108491] Re: Does Anybody Remember?

Message-ID: <Pine.BSF.4.33.0110111111120.68996-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for the information Steve, That makes mine all the better, They
were FREE. :^}

Sir George, The First :^}

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 11 Oct 2001 11:36:40 -0400
From: Jim Campbell <jim-c@nc.rr.com>
To: qrp-l@lehigh.edu
Subject: [108492] Re: High Tech
Message-ID: <3BC5BC88.F1222AA9@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the news programs last night said that the radio was capable of
receiving only one station. At the time I was distracted by doing some
trouble-shooting on my new KAT2 antenna tuner, so I didn't catch which
station it was tuned to. My guess is that it is a Voice of America
equivalent in the Afghan language.

Jim
W4BQP

Date: Thu, 11 Oct 2001 11:59:53 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>

To: <jim-c@nc.rr.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108493] Re: High Tech
Message-ID: <024401c1526d$dbd3faa0$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you're talking about the small crank radios being dropped to the
refugees in Afghanistan, from what I heard they are small 'fixed
frequency' radios designed to receive a single broadcast from
US interest that is aimed at the Afghan people due to the Talliban
previously restricting what the country could 'hear'. Sorta like a
dedicated 'freedom radio' or channel for VOA.

Mike

----- Original Message -----
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, October 11, 2001 11:36 AM
Subject: Re: High Tech

> One of the news programs last night said that the radio was capable of
> receiving only one station. At the time I was distracted by doing
some
> trouble-shooting on my new KAT2 antenna tuner, so I didn't catch which
> station it was tuned to. My guess is that it is a Voice of America
> equivalent in the Afghan language.
>
> Jim
> W4BQP
>

Date: Thu, 11 Oct 2001 09:18:58 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: jim-c@nc.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108494] Re: High Tech
Message-ID: <3BC5C671.39AF177F@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Campbell wrote:

> One of the news programs last night said that the radio was capable of
> receiving only one station. At the time I was distracted by doing some
> trouble-shooting on my new KAT2 antenna tuner, so I didn't catch which
> station it was tuned to. My guess is that it is a Voice of America
> equivalent in the Afghan language.
>
> Jim
> W4BQP

CNN has been reporting that a US aircraft which can broadcast AM, FM, TV, etc. in several different formats has been flying over Afganistan. Sort of the untimate "mobile." I would hazard a guess that the radios are tuned to the broadcasts from that aircraft. CNN did not report if it was QRP :-)

--
73, Jerry Haigwood, W5JH, Peoria, AZ USA
web page http://www.haigwood.org

Date: Thu, 11 Oct 2001 12:45:18 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108495] Re: High Tech
Message-ID: <3BC5CC9E.3FA3A1C3@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Mike Yetsko wrote:

> they are small 'fixed
> frequency' radios designed to receive a single broadcast

That would mean that they only would have to jam one frequency to make the radios useless.

73,
--Alex

Date: Thu, 11 Oct 2001 12:51:04 -0400

From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108496] Re: High Tech
Message-ID: <3BC5CDF8.183A655@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

A BBC report about the radios:

http://news.bbc.co.uk/hi/english/uk/newsid_1589000/1589318.stm

73,
--Alex

Date: Thu, 11 Oct 2001 12:59:06 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <kd7s@psnw.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108497] Re: BALUN Questions
Message-ID: <20011011170014.CCNV18043.imf01bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 10/10/01 11:44 AM, Bill Jones at kd7s@psnw.com wrote:

>I continue to be baffled about the perceived need for baluns. I have been
>licensed for 46 years and have used a myriad of antennas through the years.
>I have NEVER owned nor used a balun on any of them ... and they all worked
>just fine.

The purpose of a balun isn't to make the antenna "work". The antenna will
"work" just fine without one.

However, we must define the term "work" here. Work in this case means the
antenna will radiate whatever RF current you manage to feed into it.
Unfortnately, with some types of antenna installations, a significant
current will flow other places than the antenna.

The biggest problem is that currents intended for the antenna may end up
flowing down the outside of the coaxial cable. Contrary to ham lore, such
currents do NOT cause TVI, RFI or harmonics directly. They just form
another component of the antenna.

Now, you can imagine, if the coax cable becomes a radiating antenna
element, the could cause some problems. You'd end up with RF currents in

the shack. Having part of your antenna in the shack can also cause RFI to things in the shack, or things in the same house.

A radiating coax cable can also mess up the finely tuned pattern of a yagi, quad or other directive array.

How do we prevent radiation from the coax? Simple. You use a balun, or an unun.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Thu, 11 Oct 2001 13:05:26 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108498] Re: Balun problem continues
Message-ID: <20011011170635.LMYA4262.imf06bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/29/01 11:39 PM, Karl F. Larsen at k5di@zianet.com wrote:

>
> If the info from Mike W3IRZ is correct, a 1:1 balun has 3 windings
>while a 4:1 balun has just 2 windings. This alone explains why MFJ and LDG
>and many other balun makers prefer the 4:1 balun. It's cheaper to make.

This information is in older ARRL handbooks. What you describe is a way to make a 1:1 VOLTAGE balun, and a 4:1 VOLTAGE balun.

>But then there's the ARRL Handbook problem. It shows just 2
>windings for a 1:1 balun and explains how to re-wire a 1:1 to make it a
>4:1 type. I'm about to wonder if ANYONE knows how to make a 1:1 balun on a
>toroid coil form.

This is a CURRENT balun (Guanella). The newer handbooks don't carry information on voltage baluns because they don't work nearly as well as current baluns.

> If anyone has a document they can referance that has both types in
>the toroid configuration with clear pictures showing how many turns in a
>type of core material, I sure would like to know about it.

The core material and type, and number of turns depends on the frequency range of the balun.

For the older VOLTAGE balun designs in HF (3-30 MHz), one typically sees a T200-2 core, with 8-10 turns. A trifilar winding is used for a 1:1, bifilar winding used for 4:1. Note this is a POWDERED IRON core.

For a current balun in the same range, you'd more likely see an FT240-77 or -43 core, with 6-8 turns. Bifilar winding for 1:1. Note this is a FERRITE core.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Thu, 11 Oct 2001 14:04:47 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [108499] More FYI and SWL . . . Re: RTTY on 3.885 MC
Message-ID: <20011011.140557.-220191.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Several wrote to tell me that the address below is not up . . .

Here is an alternate that just worked for me.

>>http://www.qsl.net/mmhamsoft/<<

John
N3AAZ
FM 19 xa

From: n3aaz-qrp@juno.com
To: fxtech@earthlink.net,qrp-l@Lehigh.EDU
Date: Wed, 10 Oct 2001 09:00:55 -0400
Subject: FYI . . . Re: RTTY on 3.885 MC

>>Has anyone notice the Digital (sounds like RTTY) signal on 3.885 MC?

YES

>>Sure wish I had RTTY RX Hi! It's there right now . . .

You do ! ! ! Even if you rig is a CW only radio.

Trev and others . . .

Do this . . .

Use your PC sound card and
radio (CW or SSB) and
a trip here >>http://www.geocities.com/mmhamsoft/<<
(or similar site with a download software resource)
will *more than* get you up going on most of the digital modes
(no interface required see below)
including SSTV (which 'MAY' have been what you heard on 3885).

There is OTHER interesting digital STUFF on the *bands*
(clandestine or not >>http://www.clandestineradio.com/<<)
to be found HF and 2 meters.

No interface required, just,
connect your radio PHONE port to the sound card (MIKE or LINE) port and
use either the radio volume control and / or the PC sound card software
level setting controls.

Post back (to me and / or the group) freqs and modes, TNX ! ! !

SWL is FU N T O O ! !

John
N3AAZ
FM 19 xa

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Date: Thu, 11 Oct 2001 13:03:24 -0400
From: Michael Bower <bowerm@ix.netcom.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108500] Re: High Tech
Message-ID: <3BC5D0DB.514B51B5@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wait, I should get that honor. My kids think I'm the crankiest person that ever walked on the face of the earth.

Good, I'm glad they think so. My disguise is working.....

Boy, are we off topic or what?

Michael N4NMR

"Kanalz, Karl" wrote:

> Who (or should that be "whom"?) would we get to
> Run it? YOU,of course, John!
>
> Karl K - W8TIF
> McKinney, Texas
>
> -----Original Message-----
> From: W2AGN [SMTP:w2agn@pobox.com]
> Sent: Thursday, October 11, 2001 9:18 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: High Tech
>
> On Thursday 11 October 2001 10:04, Mike Yetsko wrote:
>   > There's a couple of 'crank powered' radios in the Radio Shack
>   > catalog.
>   >
>   > A friend of mine bought one from the company right before they
>   > were picked up by Radio Shack. His has solar cells to supplement
>   > the crank. If it's in the bright sun, the crank spring unwinds
> real
>   > slow.
>   > Indoors or in the shade, it uncranks real fast.   Neat radio.
>   >
>   > Mike
>
> --
>
> If you have a "crank-powered radio" which of the QRP-L cranks do you get to
> run it?

> (Thanks, I prefer batteries)
> John L Sielke   W2AGN

Date: Thu, 11 Oct 2001 13:06:41 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108501] Re: balun problem
Message-ID: <20011011170747.HOVF18036.imf17bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/29/01 5:31 PM, Karl F. Larsen at k5di@zianet.com wrote:

>Gang, I converted a 4:1 toroid balun to 1:1 but it doesn't work. I just
>re-wired it per the ARRL Handbook. It worked fine as a 4:1. What am I
>missing?

What kind of balun is it? Voltage or current? How many turns? What type
of core? How did you re-wire it?

Bill Coleman, AA4LR, PP-ASEL   Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
            -- Wilbur Wright, 1901

Date: Thu, 11 Oct 2001 13:11:54 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108502] Re: Balun question answered!
Message-ID: <20011011171301.KNXW25602.imf09bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/30/01 5:53 PM, Karl F. Larsen at k5di@zianet.com wrote:

>Bottom Line: MFJ did choose the 4:1 balun because it gives the
>tuner the best match to Amateur Radio antenna systems. I was wrong but my
>reasoning is right for some antenna systems. Not MY antenna system.

<Sigh>.

Karl, you only tested resistive loads. The voltage baluns work OK with resistive loads, and give the expected transformation ratio. However, voltage baluns aren't really good at maintaining current balance. Current baluns do a much better job at actually maintaining balanced antenna currents.

However, when you start to deal with reactive loads, the transformation ratio goes out the window. In fact, with reactive loads, that voltage balun may fail due to saturation of the core.

Current baluns fare little better with reactive loads, but they have the advantage that they aren't materially a part of the circuit for balanced currents.

If you are going to use a tuner on an antenna on multiple bands, your best bet is to use a 1:1 current balun.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Thu, 11 Oct 2001 10:00:19 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [108503] Ed Manual, QRPacificon Speaker
Message-ID: <008f01c15276$37fc8880$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed Manual is another of our outstanding list of speakers for QRPacificon. He is going to talk on antenna systems for the guy who can't put a permanent antenna system up. Ed has a long history with ham radio, as he has been active in the Houston area for years. He is a mover and shaker for the local group, and has also been heavily involved with AMSAT projects. Many of you don't know this, but Ed has done a ton of kits for amateur satellite and amateur TV work.

The first time I met Ed was at Dayton, but I really got to know him at Hamcom in Dallas. A large group of us went out to a restaurant that I

believe was called Papadeux's, and he introduced me to deep fried crawdad tails. Wow, what a treat. We were sitting at a table of about 9 or 10 people, Bill Steitenroth was there, Stuart Rohre, Burl Keeton, and Ed. I was lucky that Ed was sitting on my left, and he was quite interesting to talk to. Since that time, he has been to a couple of Pacificons, and we have exchanged emails many times. By the way, Ed has a ton of shrub jokes, you will have to ask him to tell you one.

Ed is excited about coming to California and speaking at Pacificon, and I am just as excited to have him attend. He will be entertaining and informative, and he will tell you how you can put that 33 ft. German fiberglass pole to use.

Hope to see you at QRPacificon. Remember it is Oct. 19, 20 and 21 at the Sheraton Hotel in Concord, CA. Check the NorCal web page for details on hotel rooms.

72, Doug, KI6DS

Date: Thu, 11 Oct 2001 13:20:28 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108504] Re: High Tech
Message-ID: <004f01c15279$20499c20$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To get this back on topic...

Has anyone actually measured what you can get out of those crank radios in the way of power? I know, it's just a 'receiver' so the solar cells and generator don't have to be especially heavy duty, but it might make a neat little 'auxiliary charger' setup for a QRPp station... Especially while camping.

Besides, who knows how far you can crank it up, er, I mean load it down. (I know, I know, it was a TERRIBLE pun. But I couldn't help myself. Especially when doing a good deed like steering this back on topic!)

Mike

Date: Thu, 11 Oct 2001 11:34:45 -0700
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [108505] Results of the OCTOBER SPARTAN SPRINT
Message-ID: <B7EB3454.959E%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

We're not sure exactly what happened with the October Spartan Sprint, because our ISP gave up the ghost, which caused our autolog system to croak. A few souls filed their logs by email, and we thank them for their diligence. The results you see below include only about 1/3 the usual number of logs.

We are making progress with the transfer of the Sojourner to a new ISP. It should be humming along by the time of the November sprint.

Each contact received one point. If you didn't tell us the weight of your station, or if your station weighed more than Iceland, then we assigned a weight of 30 pounds.

A brief soapbox was published today in the October issue of the ARS Sojourner. http://www.natworld.com/ars

THE SKINNY DIVISION (results sorted by points per pound)

Call	Name	80m	40m	20m	15m	10m	Total Points	Wt.	Points/ Pound
K0EVZ	Doc	0	24	34	0	0	58	1.02	56.86
AE6N	Jim	0	22	24	0	0	46	2.1	21.90
W0CH	David	0	0	18	0	0	18	1.1	16.36
N0RC	Rod	0	0	25	0	0	25	2.5	10.00
W5TB	Doc	0	4	20	0	0	24	3	8.00
KB9LCK	Chris	0	4	7	0	0	11	1.8	6.11
N7RVD	Brian	0	2	22	0	0	24	6	4.00
N4HAY	Dick	0	7	8	0	0	15	4	3.75
K4GT	Jim	0	0	7	0	0	7	2	3.50
K4FB	Paul	0	9	8	0	0	17	6	2.83
KH6B	Dean	0	0	11	0	0	11	4.5	2.44
KW4JS	John	0	4	8	0	0	12	7	1.71
WD7Y	Ed	0	13	17	0	0	30	30	1.00
KI0II	Ron	0	6	9	0	0	15	18.5	0.81
K6PZB	John	0	6	13	1	0	20	30	0.67
K8KFJ	Garie	0	11	3	0	0	14	30	0.47

AB6QR	Dennis	0	3	8	0	0	11	30	0.37
K0CO	Jack	0	5	0	0	0	5	30	0.17

THE TUBBY DIVISION (results sorted by points)

Call	Name	80m	40m	20m	15m	10m	Total Points
K0EVZ	Doc	0	24	34	0	0	58
AE6N	Jim	0	22	24	0	0	46
WD7Y	Ed	0	13	17	0	0	30
N0RC	Rod	0	0	25	0	0	25
N7RVD	Brian	0	2	22	0	0	24
W5TB	Doc	0	4	20	0	0	24
K6PZB	John	0	6	13	1	0	20
W0CH	David	0	0	18	0	0	18
K4FB	Paul	0	9	8	0	0	17
KI0II	Ron	0	6	9	0	0	15
N4HAY	Dick	0	7	8	0	0	15
K8KFJ	Garie	0	11	3	0	0	14
KW4JS	John	0	4	8	0	0	12
KH6B	Dean	0	0	11	0	0	11
KB9LCK	Chris	0	4	7	0	0	11
AB6QR	Dennis	0	3	8	0	0	11
K4GT	Jim	0	0	7	0	0	7
K0CO	Jack	0	5	0	0	0	5

****

Thanks for supporting The Adventure Radio Society!

Russ Carpenter, AA7QU
Contest Manager

Date: Thu, 11 Oct 2001 14:38:14 -0400
From: "Michael Lynch" <realtormike@earthlink.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [108506] Really Sharp K2 - Sold
Message-ID: <NABBJBPOAPCAGPDBIDNLGECOCMAA.realtormike@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang!

WOW! The in-box filled up quickly with responses to my K2 for sale. I wish I had one for each and every one of you. Thanks to all who expressed an interest in the K2. It's found a great home. My real estate business is going to keep me hoppin' for the rest of the year, but right around February I expect to start another one.

Thanks and 73

Mike AC4NS

Date: Thu, 11 Oct 2001 14:45:50 -0400
From: Dave Pomeroy <dave@dpomeroy.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [108507] FS: Stuff
Message-ID: <5.1.0.14.0.20011011144131.009f1a00@mail.dpomeroy.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm selling a few things as I need the money.
All prices include shipping in Conus. Postal money order or cashiers check only.
1. An Astron SS-30. About a year old and used to power my 100 amp. $110.

2. LDG AT-11. This is the one without the meters. I've never used it. $175.

3. Norcal paddle kit. Not assembled. $60.

Thanks for the Bandwidth.

Dave Pomeroy K8DNP South Western Michigan

Date: Thu, 11 Oct 2001 14:47:11 -0400
From: Dave Pomeroy <dave@dpomeroy.com>

To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [108508] Tokyo Hi-power
Message-ID: <5.1.0.14.0.20011011144610.009f40f0@mail.dpomeroy.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Has anyone used any of these amps with there qrp rigs? I was looking at the HL-700B. 10 watts in 500 watts out. Looks like it would be just the ticket for a K2.

Dave Pomeroy K8DNP South Western Michigan

Date: Thu, 11 Oct 2001 14:34:22 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [108509] HB: General Coverage SW Rx
Message-ID: <200110111904.f9BJ41c04055@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Just starting to put the finishing touches to a general coverage, tripple conversion, SWL radio I started building a week or so ago. Tunes from 2 to 25 MHz.

It's remarkably simple, two SA612's, a TDA1220B AM/FM Rx chip, LM386 and a MC145170 PLL with 89C51 controler / LED display driver. The 1st '612 uses it's internal osc as a 48-73 MHz VCO to up convert the input signal to a 1st IF of 46.870 MHz. The 2nd '612 down converts to the 2nd IF of 10.7 MHz, using a 36.170 MHz overtone xtal. (salvaged from an old cordless phone, which is why it's an odd freq) Finally, the TDA1220B converts the 10.7 MHz to 455 KHz, using an external 10.240 MHz xtal osc (couldn't get it's internal L/C LO to work with an xtal). The TDA1220B also has the IF amp, agc and AM detector. I used a monolithic 10.7 MHz xtal filter and a 455 KHz ceramic filter for selectivity.

The main problem was getting the PLL loop filter to work well. For some reason, I always have trouble getting the calculations right the first time and going for 5 KHz steps with an average /N of 12,000 is sort of asking for a lot! Actually, the VCO is suprisingly stable by it's self, and the audio still sounds better when it's simply pot tuned. But, even with a 10T pot, tuning is touchy. I supose one could have a coarse and fine tune control, or limit the tuning range some.

But then, adding a frequency display would be a little more trouble.

Unfortunatly, the TDA1220B is an obsolte part and the MC145170 is sort of hard to get, so this isn't a very repoducable project as it stands now. But it does show a tripple conversion receiver can be fairly simple to build.

It also gives me an idea for another approch to make a general coverage SW/ham band Rx. Use the VCO/PLL to up convert to some where between 40-50 MHz with big steps, say 50 or 100 KHz. That can be done with one of the new National PLL chips, which Digi-Key carries. Down convert to 10.7 and use a 100 KHz BW 10.7 MHz ceramic filter there. Then use a L/C or DDS VFO for fine tuning to convert down to say 4 MHz, where you can make a good xtal filter for CW work.

food for thought:-)

72,
Steve, KD1JV in the White Mountains of New Hampshire
"Melt Solder"
http://www.qsl.net/kd1jv/index.html

Date: Thu, 11 Oct 2001 19:09:20
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [108510] Attenuator Specs
Message-ID: <F132wJsxzOEQ0ZolkmZ00002b2d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Can anyone here tell me the specifications on the Texscan RA-50 and RA-51 step attenuators? particularly the maximum watts input.

Thanks.

Brad

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---

Date: Thu, 11 Oct 2001 15:10:21 -0400 (EDT)
From: baltimoremd@baltimoremd.com
To: "qrp-L@Lehigh.EDU" <qrp-l@Lehigh.EDU>

Subject: [108511] QRP Web Ring Problem Resolved
Message-ID: <20011011150911.Q88234-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The problem with the QRP Web Ring has been resolved. It's back up,
running and accepting site submissions.

73,
Thom

baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/ Baltimore's Home Page
http://www.baltimorehon.com/ Home of the Baltimore Lexicon
http://www.zerobeat.net Home of The QRP Web Ring
and Drake Mail List Pages

Date: Thu, 11 Oct 2001 16:11:05 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [108512] FW: ARLD041 DX news
Message-ID: <016701c15290$dc6158a0$980c4d0c@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="us-ascii"
Content-Transfer-Encoding: 7bit

73/73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

-----Original Message-----
From: ARRL Web site [mailto:memberlist@www.arrl.org]

Sent: Thursday, October 11, 2001 2:28 PM
Subject: ARLD041 DX news

SB DX @ ARL $ARLD041
ARLD041 DX news

ZCZC AE41
QST de W1AW
DX Bulletin 41 ARLD041
>From ARRL Headquarters
Newington CT October 11, 2001
To all radio amateurs

SB DX ARL ARLD041
ARLD041 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, WA7BNM, QRZ DX, 425DXnews, The Daily DX, DXNL and Contest Corral from QST. Thanks to all.

GUYANA, 8R. Esmond, 8R1AK has been QRV using the special callsign 8R1USA on 20, 17, 15 and 10 meters around 1900 to 0500z. QSL to home call.

MALTA, 9H. Laco, OK1AD and Josef, OK1PD are active for about two weeks as 9H3WD using CW, SSB, RTTY and PSK31. QSL via OK1AD.

BOTSWANA, A2. Mako, JA1OEM is QRV from Gabrone as A25/JA1OEM until October 17. QSL to home call.

CHILE, CE. Look for CE6TBN/7 to be QRV until October 31 from Chiloe Island, IOTA SA-018. QSL to home call.

ERITREA, E3. Look for Chris, DL5NAM, Dieter, DF4RD, Wolf, OE2VEL, and Falk, DK7YY to be QRV as E30NA from October 17 to November 3. Activity will be on all bands, including 6 meters, using CW, SSB and RTTY. QSL via operators' instructions.

AUSTRAL ISLANDS, FO. Eli, HA9RE will be QRV as FO0ARE/A from Rurutu Island, OC-050, from October 17 to November 5. Activity will be on 160 to 10 meters. QSL via HA8IB.

ENGLAND, G. Look for Special Event Station MB2HFC to be QRV during the 2001 International HF and IOTA Convention from October 12 to 14. QSL via operator's instructions.

SCOTLAND, GM. Leo, W3LEO, will be QRV from Portpatrick, IOTA EU-005, as

MM0LEO from October 14 to November 17. Activity will be on 40 to 10 meters. This is not a DXpedition, so on-the-air time may vary. QSL to home call.

LIECHTENSTEIN, HB0. Laci, HA0HW, Tomi, HA4DX and Geza, HA4XG will be QRV as HB0/homecalls/p from October 17 to 25 while here on their Autumn trip. Activity should be on all bands, using CW, SSB and RTTY. QSL via operators' instructions.

COSTA RICA, TI. TI2/AK0A has been QRV using RTTY on 20, 17, 15 and 12 meters from around 0600z to 1800z. QSL to home call.

FAROE ISLANDS, OY. OY3QN has been QRV on 17 and 12 meters around 1700z and 1200z, respectively. QSL via OZ1ACB.

CHAD, TT. Christian, TT8DX is QRV from Moundou until December 2002. He is mostly active on 6 meters with some HF activity by request using CW and SSB. QSL via F5OGL.

AUSTRALIA, VK. Dan, VK8AN is QRV from Troughton Island, IOTA OC-154, as VK8AN/6 until October 20. Activity is on 20, 15 and 10 meters using CW and SSB. QSL via VK4AAR.

LORD HOWE ISLAND, VK9L. Bert, PA3GIO is QRV as VK9LO until October 15. Activity is on 80 to 10 meters using SSB. QSL via bureau.

SOUTH COOK ISLANDS, ZK1. Victor, ZK1CG is QRV using the special callsign ZK1USA. QSL to home call.

THIS WEEKEND ON THE RADIO. The ARRL International EME Contest, North American RTTY Sprint, The Pennsylvania QSO Party and FISTS CW Fall Sprint are all scheduled for this weekend. The 2001 Oceania DX CW Contest is scheduled for Saturday, October 13. Please see October QST, page 103, for details. NNNN /EX

Date: Thu, 11 Oct 2001 16:21:57 -0400
From: "Tracy Markham" <tracy@bytemark.com>
To: <aa4lr@arrl.net>
Cc: "QRP-L" <qrp-l@lehigh.edu>
Subject: [108513] RE: Balun problem continues
Message-ID: <NFBBKLDHALEHCJMAJPKFIENNCDAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Bill

You seem to have it down pretty well, but I would make a different recommendation on the ferrite material used in such baluns.

When we build our commercial units we use a K material or a 61 material for most of these designs. Dr. Jerry Sevick discusses why in his books Transmission Line Transformers, and Building and Using Baluns and Ununs.

There's a special piece written by Dr. Sevick on my site (I have written permission from Noble publishing for this piece) that discusses some of these points mathematically and empirically.

That discussion can be read at
http://www.bytemark.com/amidon/content6.htm

Click on the Digest for that particular discussion. If you start with the 'Introduction' you can simply click the right arrow on the top navigation bar to thumb through the articles by Dr. Sevick.

Of course, you can purchase the books from me :) ... but they do seem to explain almost all the discussion I've seen here on the list.

Hope that is helpful!!
Tracy Markham
ByteMark / CWS International (Formerly Amidon Amateur Products)
800 679-3184

PS
We had quite a battle with that blasted nimda virus on the site. We've corrected it (hopefully permanently), please accept my apologies if any of you had visited the site before we were aware of the problem.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Bill Coleman
Sent: Thursday, October 11, 2001 1:05 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Balun problem continues

On 9/29/01 11:39 PM, Karl F. Larsen at k5di@zianet.com wrote:

>
>   If the info from Mike W3IRZ is correct, a 1:1 balun has 3 windings
>while a 4:1 balun has just 2 windings. This alone explains why MFJ and LDG
>and many other balun makers prefer the 4:1 balun. It's cheaper to make.

This information is in older ARRL handbooks. What you describe is a way
to make a 1:1 VOLTAGE balun, and a 4:1 VOLTAGE balun.

>But then there's the ARRL Handbook problem. It shows just 2
>windings for a 1:1 balun and explains how to re-wire a 1:1 to make it a
>4:1 type. I'm about to wonder if ANYONE knows how to make a 1:1 balun on a
>toroid coil form.

This is a CURRENT balun (Guanella). The newer handbooks don't carry
information on voltage baluns because they don't work nearly as well as
current baluns.

>   If anyone has a document they can referance that has both types in
>the toroid configuration with clear pictures showing how many turns in a
>type of core material, I sure would like to know about it.

The core material and type, and number of turns depends on the frequency
range of the balun.

For the older VOLTAGE balun designs in HF (3-30 MHz), one typically sees
a T200-2 core, with 8-10 turns. A trifilar winding is used for a 1:1,
bifilar winding used for 4:1. Note this is a POWDERED IRON core.

For a current balun in the same range, you'd more likely see an FT240-77
or -43 core, with 6-8 turns. Bifilar winding for 1:1. Note this is a
FERRITE core.

Bill Coleman, AA4LR, PP-ASEL   Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
            -- Wilbur Wright, 1901

Date: Thu, 11 Oct 2001 20:17:29 -0400
From: Larry Cahoon <lejek@erols.com>
To: wb4yex@yahoo.com, qrp-l@lehigh.edu
Subject: [108514] Re: WA3WSJ QSL Cards
Message-ID: <5.1.0.14.0.20011011201455.00bbe9d8@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The basis USA-CA award for working all the counties is run by CQ and
requires cards. The county hunter group MARAC sporadically tries to push

them towards eqsl's but without success. The MARAC offers a number of other awards, but for the most part you don't get those until you have worked the counties once. The will take your word for it, so you don't need cards - paper or electronic.

73 de Larry.............WD3P in MD
USA-CA 913
http://www.qsl.net/wd3p/

At 09:51 PM 10/10/2001 -0700, you wrote:
>Eqsl's are worthless for any ARRL awards and certificates so are
>essentially a waste of time to send or receive. I personally do not send
>or accept them since they are of no value. I don't know what County
>hunters position on accepting them is. Does anyone else know ?
>
>
>
>At 07:32 PM 10/10/01 -0400, breneiser wrote:
>>Hello all:
>>If anyone is waiting for a qsl card from:
>>WA3WSJ WA3WSJ/qrp C6A/WA3WSJ KP4/WA3WSJ   V26ED VP5ED (11/01)
>>
>>Please note -I will send the cards that I received to date, but I will
>>no longer accept or send paper qsl cards. Please qsl to the above calls
>>via
>>http://www.eqsl.net.cc
>>
>>Thanks,
>>Ed, WA3WSJ
>
>****************************
>Daryl Cline WB4YEX FPQRP # 322 ARS #632 SOC #449
>Harrisonburg, Va.
>http://www.cfw.com/~jdc
>" Ask your doctor if Kendrex is right for you - Side effects include
>constipation,
>internal bleeding, deafness, blindness, sexual dysfunction and heart failure.
>Kendrex is not for everyone. Persons with functioning internal organs and live
>brain cells should not take Kendrex. "
>**
****

Date: Thu, 11 Oct 2001 17:26:06 -0400
From: "Lee S. Mairs" <lmairs@cox.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [108515] Re: Tokyo Hi-power
Message-ID: <006f01c1529b$56d20ee0$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So why not buy a big rig in the first place?

> Has anyone used any of these amps with there qrp rigs? I was looking at
> the HL-700B. 10 watts in 500 watts out. Looks like it would be just the
> ticket for a K2.
>
>
> Dave Pomeroy K8DNP South Western Michigan
>

Date: Thu, 11 Oct 2001 18:09:57 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108516] Re: Tokyo Hi-power
Message-ID: <3BC618B5.11FB1B71@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anybody noticed we seem to have this discussion about once a month?

Michael N4NMR

"Lee S. Mairs" wrote:
>
> So why not buy a big rig in the first place?
>
> > Has anyone used any of these amps with there qrp rigs? I was looking at
> > the HL-700B. 10 watts in 500 watts out. Looks like it would be just the
> > ticket for a K2.
> >
> >
> > Dave Pomeroy K8DNP South Western Michigan
> >

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Thu, 11 Oct 2001 16:13:18 -0600
From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108517] Re: BALUN Questions
Message-ID: <004501c152a2$6d744300$2b56bad0@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

I'd like to throw out something on this subject.....

Balun's do make good engineering practice. I doubt that anyone would argue that.

BUT..... don't get overly concerned about them if you don't happen to have one. Put the antenna up and get on the air. See how it works. Check for RFI and etc.

When you can, install one. See if you can tell any difference. Really watch for any change in the pattern of the antenna. KEEP GOOD NOTES. You will never remember enough details.

And don't forget that you can also just wind a bit of the coax feed line into a coil and form a good choke to help keep that RF off the feedline shield.

But lets look at something else for a second..... lets talk about 40 meters because it's such a popular band. Lets say you put up some kind of dipole or most any other horizontal antenna shown in a book that includes a radiation pattern. Now you go put it up 20 to 40 feet high. Will it work?? Sure. Will the radiation pattern be like the one shown in the book? NO, that's not likely.

Will the use of a balun make the pattern "right"? NO, not in this case. You must get any horizontal antenna about a half wave high before the pattern becomes "right". And even at a good height you can still have the pattern "ruined" by all those building, wires and etc. all over the ground under it.

There are two good ways to handle building antennas for our amateur

stations.

The first is to do all the engineering first and go from there.

The second it to cut something "just a bit long" and put it up in the air. Trim it to give the best SWR and have fun.

Then in either case, spend the rest of your life trying to make more that are bigger, higher, better, cost more and etc! :-)

The point of this post is to encourage people to put up something for an antenna and get on the air. Improve it as time goes by. Don't sit around off the air for weeks or even months because you can't find the right parts to do it just right.

The same can be said about SWR too. Don't worry about it. Reduce it if you can or just use a tuner. Most rigs don't care one hoot about SWR ratios below about 3:1 so you shouldn't either......at least not enough to stay off the air!

Since 1952 I have used antenna with and without baluns or chokes and could never seem to tell any difference in how they preformed.

But when I spent the money to put up that 85' tower and top it off with that Force 12 yagi, I used baluns! (Well, they were really chokes I guess.....lots of beads over a section of coax.)

Either way, GET ON THE AIR and quit worrying about how much our government should protect us! :-)

OK, back in my hole.....

73,

Ron, KU7Y
ku7y@qsl.net
Boise, ID

Date: Thu, 11 Oct 2001 18:18:13 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: bowerm@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108518] Re: Tokyo Hi-power
Message-ID: <3BC61AA5.9B29790E@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael,

Yes. and the advice given is good! There is no stigma attached to owning a QRO radio, or even to using one! Both QRP and QRO can coexist comfortably, maybe even on the same frequency!

QRP is very rewarding, but in the end it is playing with low power radios and there are things they do not do well, like fight for space in pile-ups! A QRO radio solves this problem very nicely. If you are careful about buying the right QRO radio you can also use it QRP!

73

Date: Thu, 11 Oct 2001 18:51:59 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <bowerm@ix.netcom.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108519] Re: Tokyo Hi-power
Message-ID: <006f01c152a7$64645e80$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Has anybody noticed we seem to have this discussion about once a month?
>
> Michael N4NMR
>
> "Lee S. Mairs" wrote:
> >
> > So why not buy a big rig in the first place?

Well, if there was one 'defined' correct answer, maybe we'd only have it once every other month!

The debate could go on forever. Is it better to turn the big boys down to be small, of better to give the small guy sterroids to be big?

Or just buy one of each!

Hey, no simple answer!

But....   My personal feeling is that while you can easily turn the big

boys
down to play small, you can't MAKE them small. Like trying to put
a go cart engine in your Hemi-Cuda to tool around the go-cart track.

And sometimes putting the bricks on the small guys makes you feel like
Tim Allen with the twin Harley motors on his lawn tractor.

No simple answer...

Mike

End of QRP-L Digest 2339
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